

## Digital Climate Controller

The AEW-D 10 enables continuous climate control by fan control based on temperature. It offers the possibility to control a heater and an alarm. Minimum and maximum ventilation level is adjustable. The AEW-D 10 is equipped with an auto cooling down correction, an air inlet signal and a programmable 0-10V output signal. It can easily be expanded. One of the options is to connect multiple Trilink-2T controllers to drive and control additional fans.

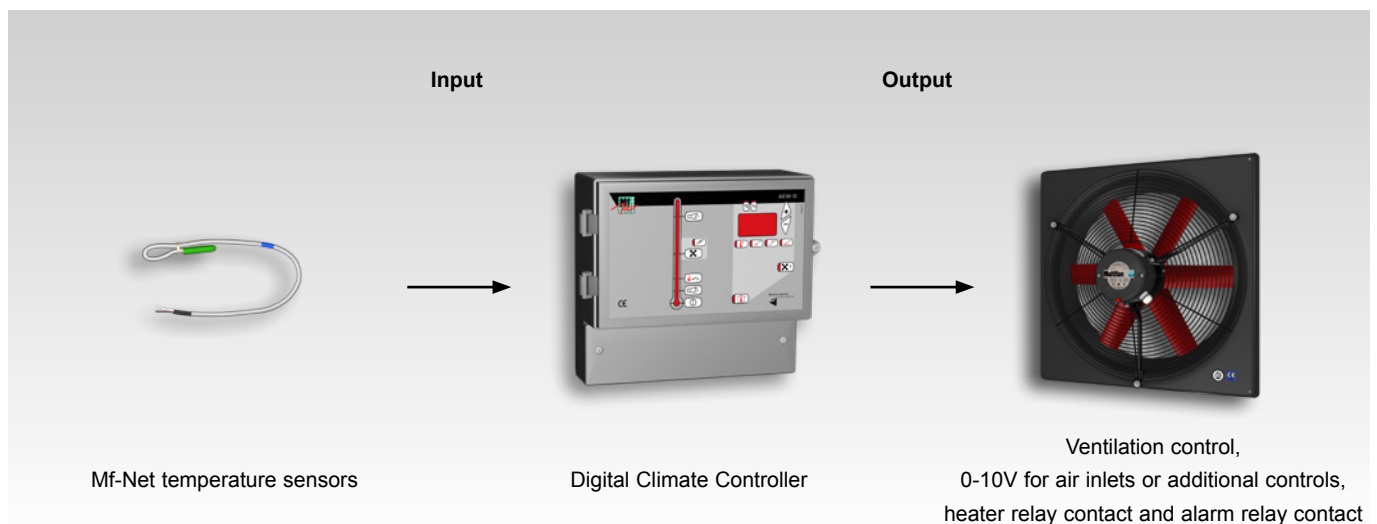


### Benefits:

- Smooth fan operation
- Low initial investment
- Easy to install
- Easy to operate
- Applicable for both new and existing ventilation systems

### Features:

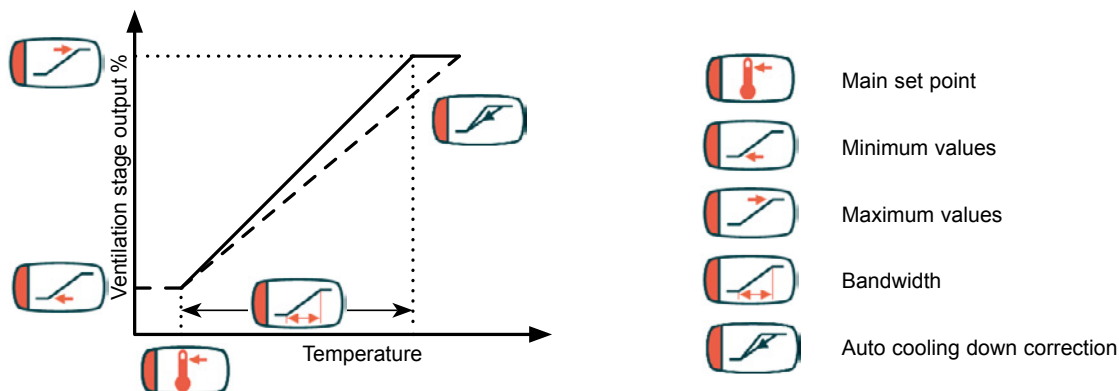
- Continuous variable speed control for fans
- Auto cooling down correction (bandwidth compensation)
- Heater relay contact
- Alarm relay contact
- Independently programmable 0-10V output signal for air inlets or additional controllers
- Built-in voltage and current protection
- Ventilation status read-out
- 100% override switch
- Temperature sensor included
- Empty room function



## Specifications AEW-D 10

Definition	Min.	Type	Max.	Notes
Controller type				Triac controller
Fuse F1 (fan output)		12,5 A		T, size 5 x 20 mm
Mains supply	207 V	230 V	253 V	1~
Mains frequency	50 Hz		60 Hz	
Fan output voltage	70 V		230 V	
Fan current	0,5 A		10 A	
Heater relay contact			8 A / 250 V	
Alarm relay contact	10 mA		2A	24V DC or 24V AC max.
0 - 10 V output			30 mA	
Accuracy on variable outputs		±1 %		
Temperature sensor resistance		10K ((25 °C) Ω		NTC, moulded in plastic housing
Temperature display readout	-40 °C		50 °C	
Accuracy on temperature reading		±1 °C		
Housing				IP54 Plastic housing
Weight (unpacked)		1,7 kg		
Dimensions (W x H x D)		267 x 225 x 104 mm		
Operational temperature	0		40 °C	
Storage temperature	-15 °C		50 °C	
Ambient relative humidity			95 %	

## Control diagram



### Why choose Vostermans Ventilation:

Vostermans Ventilation is a global developer and manufacturer of sustainable axial fans for the agricultural and industrial market. Sustainability is key for Vostermans. Their premium brandlines Multifan and EMI are showcasing the drive for advanced energy efficient fans. The company applies continuous innovation and research in their own motor production facility and in house state of the art R&D department. Vostermans Ventilation, part of Vostermans Companies founded in 1952, is based in Venlo, the Netherlands and operates in USA, China and Malaysia.



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